

**Iowa Department of Public Safety  
Infrastructure Appropriations Status Report  
FY 2017**

**Fire Training Mobile Units**

**Description:** In FY 2016, the Fire Service Training Bureau received a one-time appropriation of \$100,000 to support the purchase of mobile training units and the necessary equipment to operate these mobile training units. These funds were to be a match with outside funding.

**Progress of Work Completed:**

<b>Mobile Training Unit/Equipment</b>	<b>Federal Share</b>	<b>State Share</b>
Interior Fire Attack Simulator – Delivered in September 2015 at a total cost of \$336,660 (with a federal share of 85%, and a local share of 15%). This MTU is replacing an existing unit over 17 years old.	\$286,161.00	\$50,499.00
Mobile Four-Story Drill Tower – Delivered in April 2016 at a total cost of \$219,777 (with a federal share of 85%, and a local share of 15%).	\$191,111.00	\$28,666.00
Training equipment to support these mobile training units (hose, ladders, standpipe packs, A/V support equipment, etc.).		\$20,835.00
<b>Totals</b>	<b>\$477,272.00</b>	<b>\$100,000.00</b>

**Total Cost of Project:** \$577,272 including \$100,000 State share

**List of all Revenue Sources to Fund the Project:** \$100,000 Rebuild Iowa Infrastructure Fund – House File 650, Section 1, Subsection 8

**Amount of Funds Expended:** \$100,000

**Amount of Funds Obligated:** \$0

**Estimated Completion Date of Project:** All funds were expended by the end of the fiscal year 2017.

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**DPS Lab – DNA Marker Software**

**Description:** In FY 2017, the DCI Criminalistics Laboratory received a one-time appropriation of \$150,000 to support the purchase of DNA probabilistic software. These funds are matched with federal grant funding in the amount of \$140,369. The software is needed due to a National DNA Index System mandate to expand DNA markers, which will involve both a new chemistry validation as well as a change in statistical calculations. In 2017, the DCI Lab DNA unit, as well as CODIS labs in the US, are required by the National DNA Index System (NDIS) to expand the number of DNA markers (loci) from 13 to 20, which in turn increases the pool of DNA profiles that can be searched worldwide. This project includes the purchase of DNA probabilistic software, one annual upgrade for eleven licenses, a high capacity system computer including hardware, software and peripherals, and related training for all DNA analysts.

**Progress of Work Completed:** The DCI Laboratory staff, in coordination with DAS Procurement completed a competitive procurement of a probabilistic genotyping software package and awarded the contract to the company NicheVision. The software has been installed on all of the computers and DNA analysts have gone through 4 days of in-house training regarding the use of the software. Currently, we are validating the software by the submission of DNA data from our lab to the vendor to develop and customize the statistical software specific to the Iowa DCI Crime lab's instruments and DNA STR analysis kits. The software is operational; however, the DNA unit must complete the validation process to bring the STRmix Software online in the DNA Unit of the Iowa DCI Crime Lab. The validation is required for laboratory accreditation.

**Total Cost of Project:** \$290,369 including \$150,000 - State share and \$140,369 - Federal grant share.

**List of all Revenue Sources to Fund the Project:** \$150,000 Rebuild Iowa Infrastructure Fund – Senate File 2324, Section 3, Subsection 9. \$140,369 from the DNA Capacity Enhancement and Backlog Reduction Program Grant.

**Amount of Funds Expended:** \$290,369 (\$150,000 - State and \$140,369 - Federal)

**Amount of Funds Obligated:** \$0

**Estimated Completion Date of Project:** All funds were expended by the end of the fiscal year 2017.